CM64-AL

System Board User's Manual
Carte Mère Manuel Pour Utilisateur
System-Platine Benutzerhandbuch
Manual del Usuario de Placas Base
Руководство Пользователя

935-CM64A1-000G
90200548

Copyright

Trademarks

Product names or trademarks appearing in this manual are for identification purpose only and are the properties of the respective owners.

Caution

To avoid damage to the system, use the correct AC input voltage range.

To reduce the risk of electric shock, unplug the power cord before removing the system chassis cover for installation or servicing. After installation or servicing, cover the system chassis before plugging the power cord.

Battery: 1. Danger of explosion if battery incorrectly replaced. 2. Replace only with the same or equivalent type recommend by the manufacturer. 3. Dispose of used batteries according to the battery manufacturer's instructions.

Notice

The system board and accessories you receive in the package may not come similar to the information stated in this manual. This may differ in accordance to the sales region or models in which it was sold. For more information about the standard package in your region, please contact your dealer or sales representative.

FCC and DOC Statement on Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

Notice:

1. The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
2. Shielded interface cables must be used in order to comply with the emission limits.

Table of Contents

The user's manual in the provided CD contains detailed information about the system board. If, in some cases, some information doesn't match those shown in this manual, this manual should always be regarded as the most updated version.

Le manuel d'utilisateur dans le CD muni contient renseignement détaillé au sujet de carte de système. Si, en quelque cas, quelque renseignement n'appareille de ce que dit dans ce manuel, ce manuel doit toujours être considéré comme la plus nouvelle version.

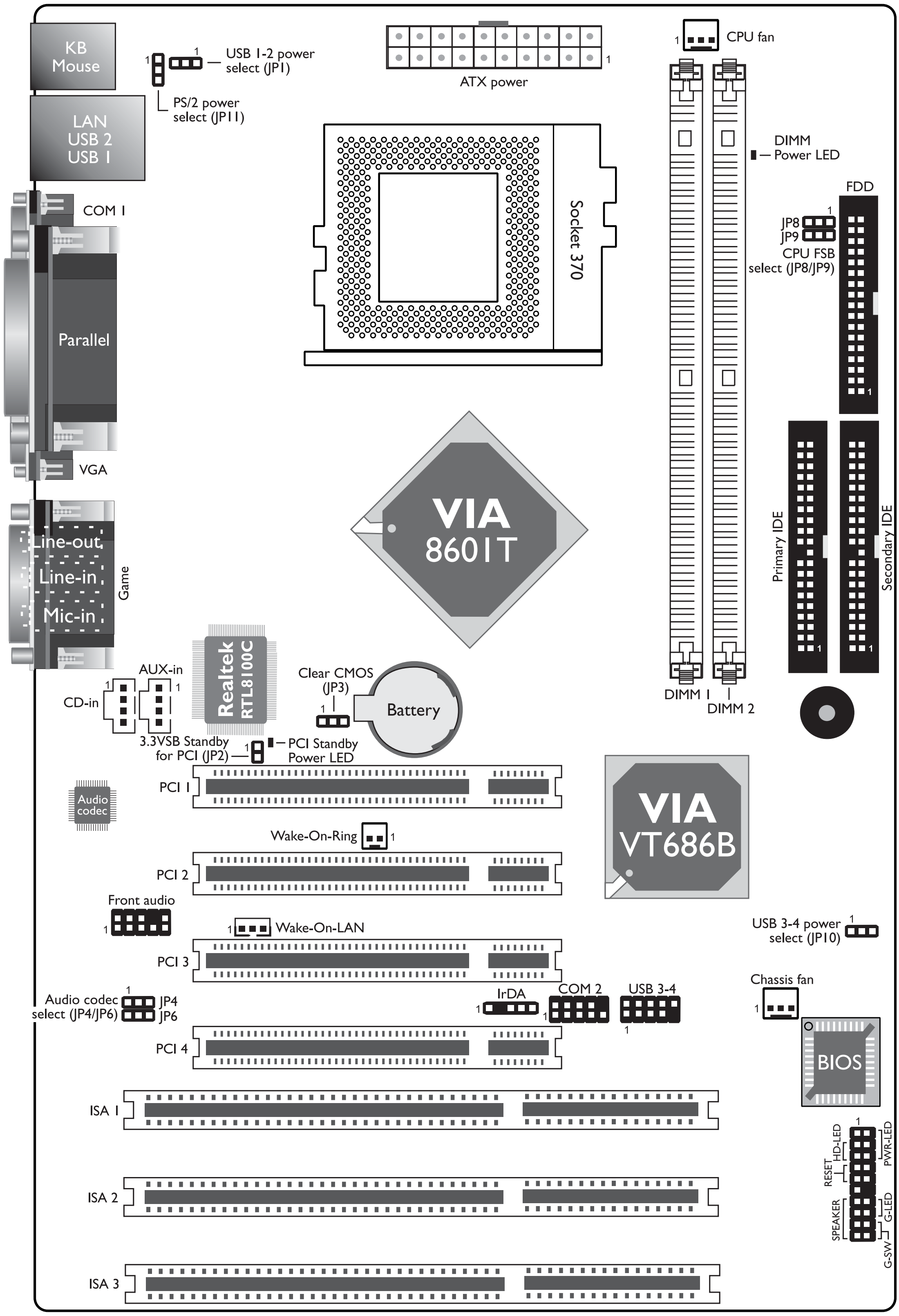
Das Benutzerhandbuch in der angebotenen CD enthält detaillierte Informationen über die Hauptplatine. Wenn in manchen Fällen manche Informationen nicht denjenigen Informationen dargestellt in diesem Handbuch entsprechen, soll dieses Handbuch als die meist aktualisierte Ausgabe gelten.

El uso explicativo contene información detalle sobre la sistema board en el CD preparativo. Si en algún caso, la información no es igual con el uso explicativo, necesita ver el uso explicativo, esque es más nuevo.

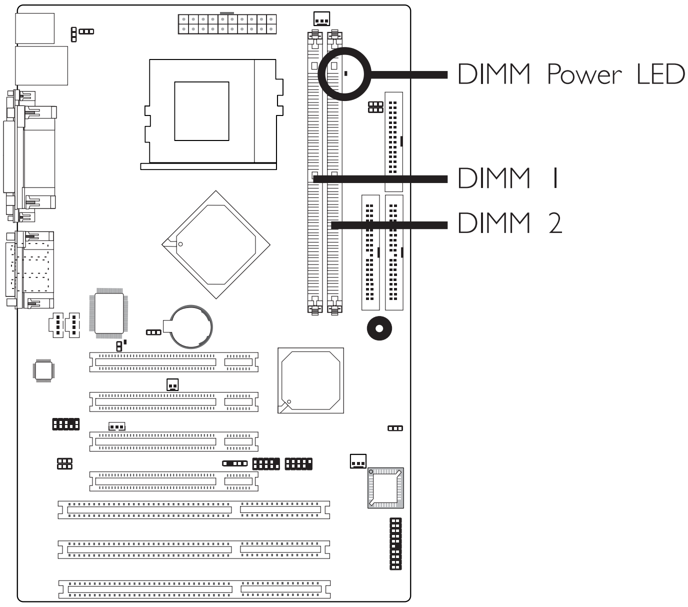
В руководстве пользователя на предоставляемом CD диске содержится подробная информация о материнской плате. Иногда напечатанное руководство может не совпадать руководством на CD, так как последнее наиболее часто обновляется и является самым свежим.

Chapter 1 - Quick Setup Guide

System Board Layout



System Memory

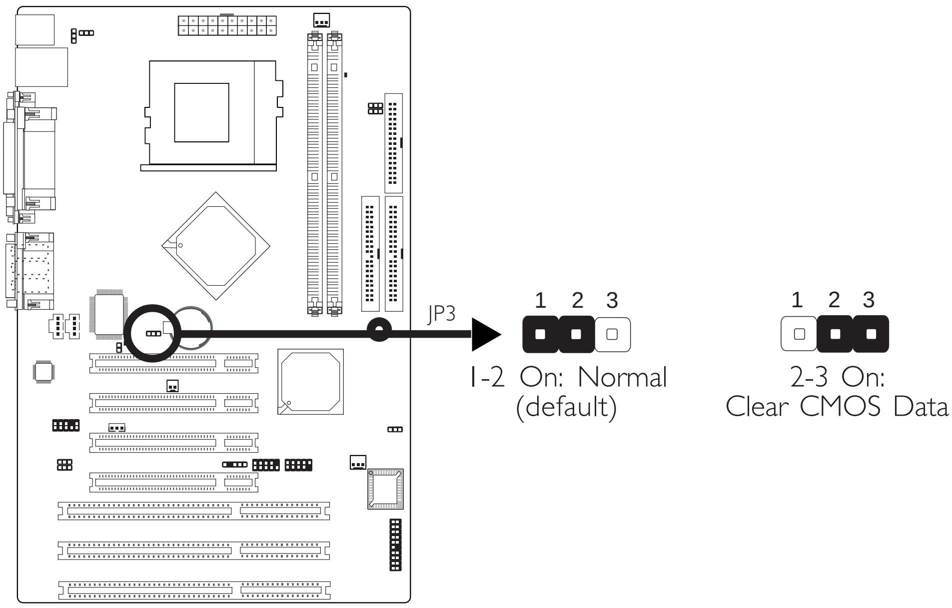


Warning:

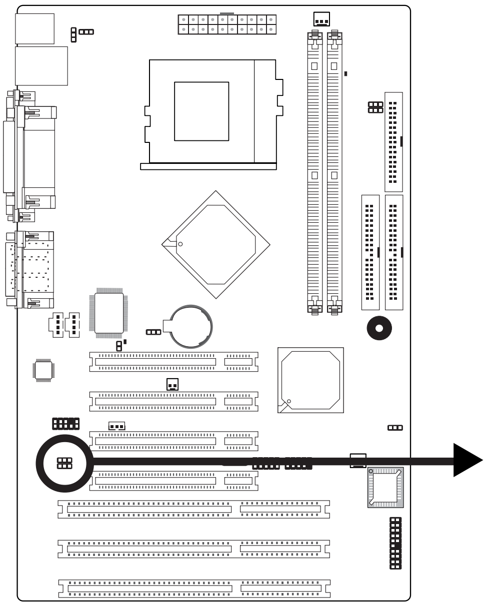
When the DIMM Power LED lit red, it indicates that power is present on the DIMM sockets. Power-off the PC then unplug the power cord prior to installing any memory modules. Failure to do so will cause severe damage to the motherboard and components.

Jumpers

Clear CMOS Data



Onboard Audio Codec Select

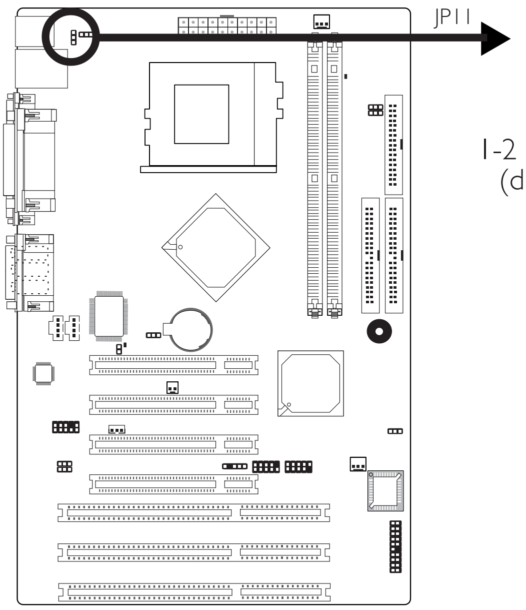




1-2 On: Onboard Audio Codec Enabled (default)

2-3 On: Onboard Audio Codec Disabled

PS/2 Power Select





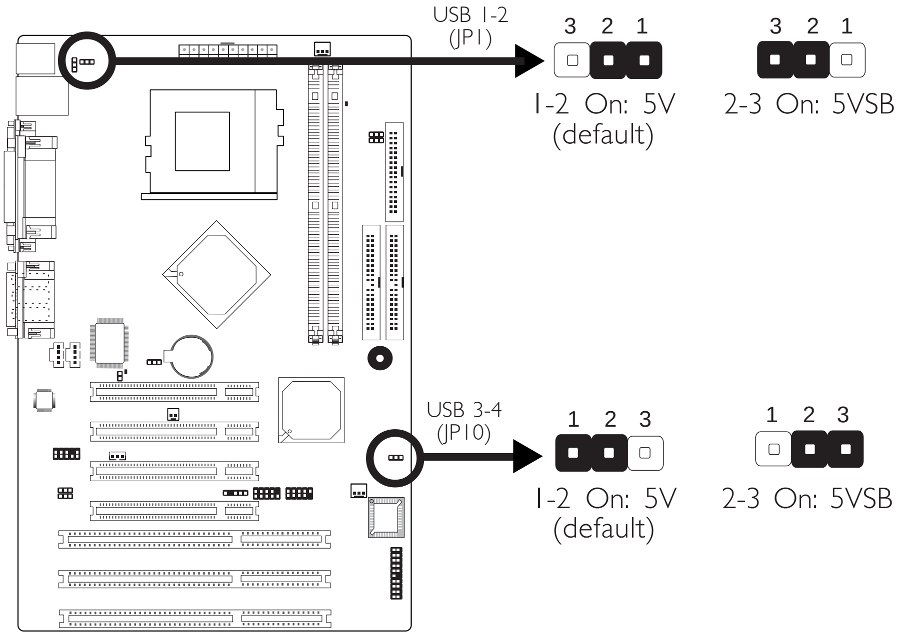
1-2 On: 5V (default)

2-3 On: 5VSB

Important:

The 5VSB power source of your power supply must support ≥720mA.

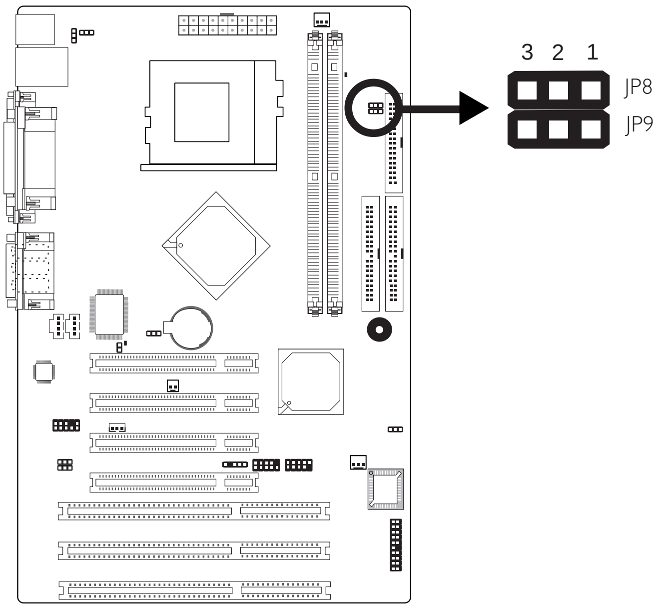
USB Power Select



Important:

If you are using the Wake-On-USB Keyboard/Mouse function for 2 USB ports, the 5VSB power source of your power supply must support ≥1.5A. For 3 or more USB ports, the 5VSB power source of your power supply must support ≥2A.

CPU FSB Select



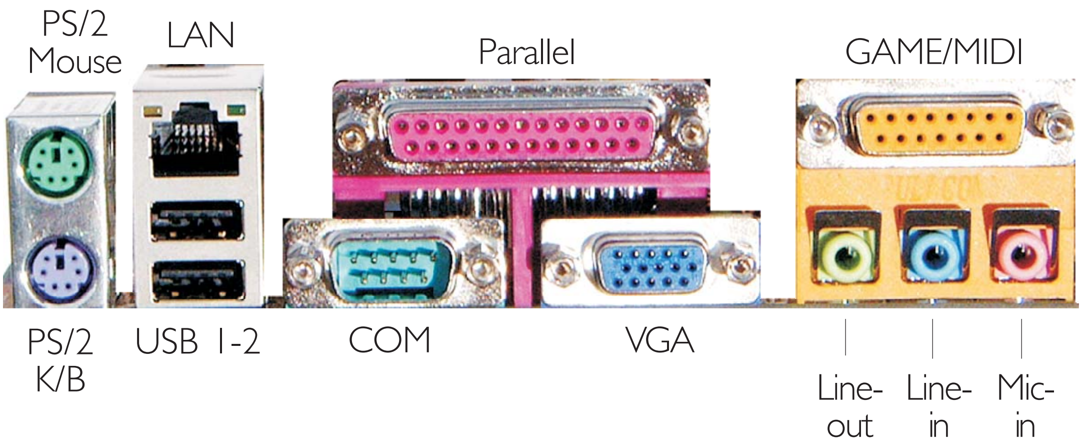
FSB	JP8	JP9
Auto	1-2 On	1-2 On
66MHz	2-3 On	2-3 On
100MHz	2-3 On	All Off
133MHz	All Off	All Off

JP8 and JP9 are used to select the front side bus of the CPU. The default setting is Auto. The system will run according to the front side bus of the CPU installed on the system board. You can also set the FSB fixed at 100MHz or 133MHz.

Important:

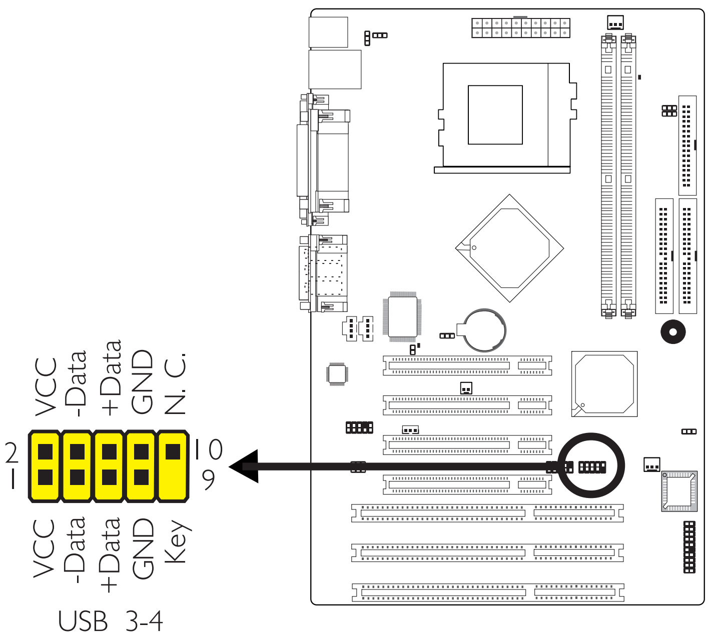
- *If you are using a CPU whose frequency has been locked by the manufacturer, overclocking will have no effect.*
- *Overclocking may result to the CPU's or system's instability and are not guaranteed to provide better system performance. If you are unable to boot your system due to overclocking, make sure to set these jumpers back to their default settings.*

Rear Panel I/O Ports

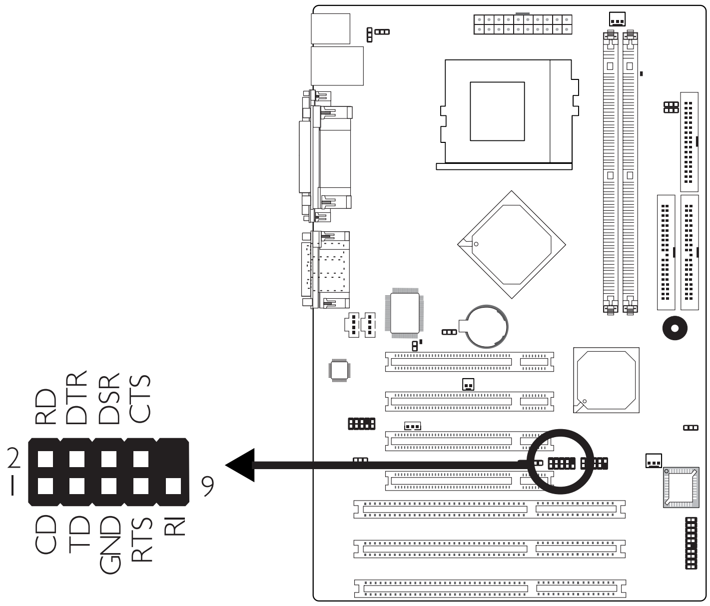


Internal I/O Connectors

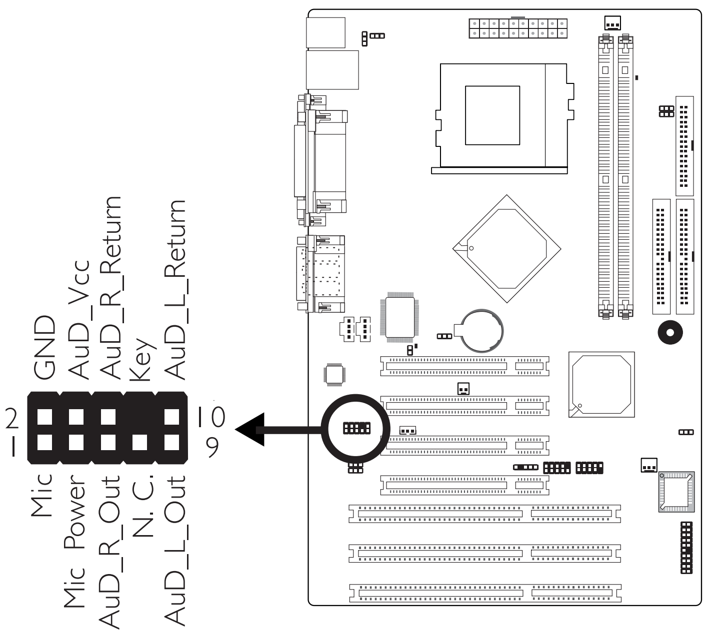
USB (Universal Serial Bus)



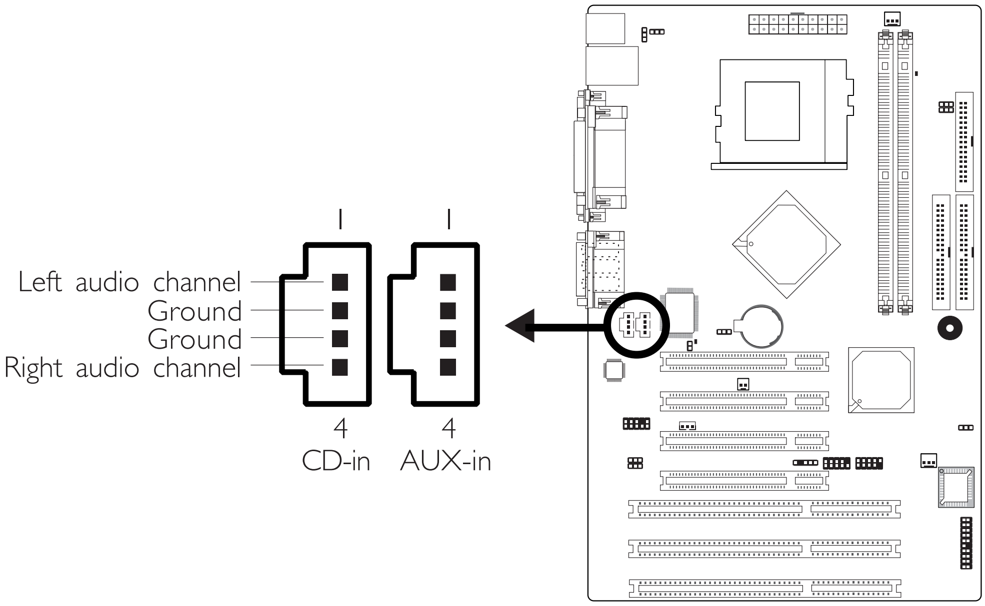
COM (Serial) Port



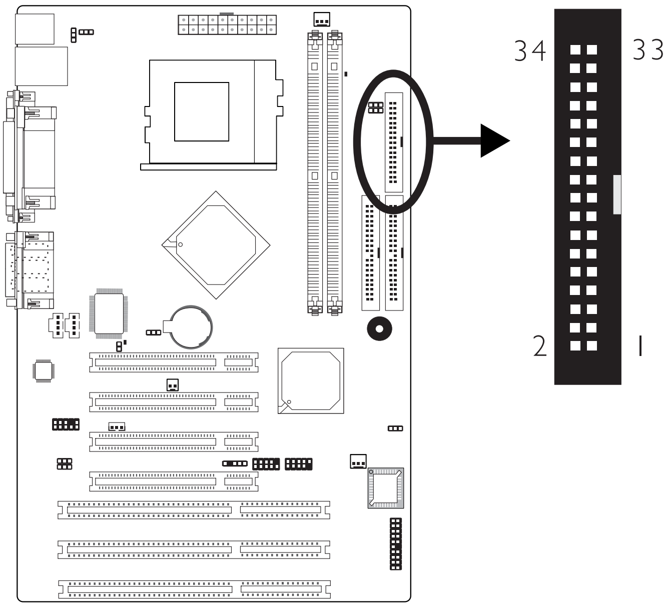
Front Audio



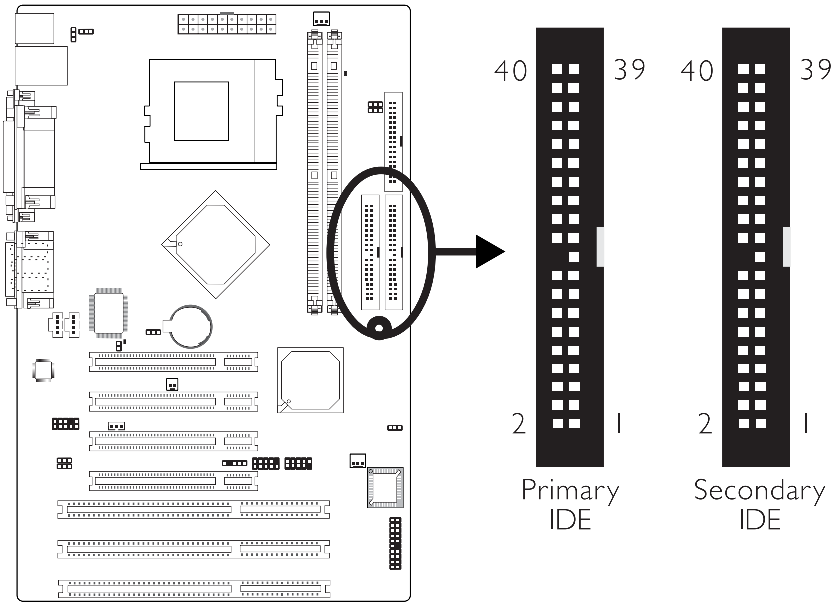
Internal Audio Connectors



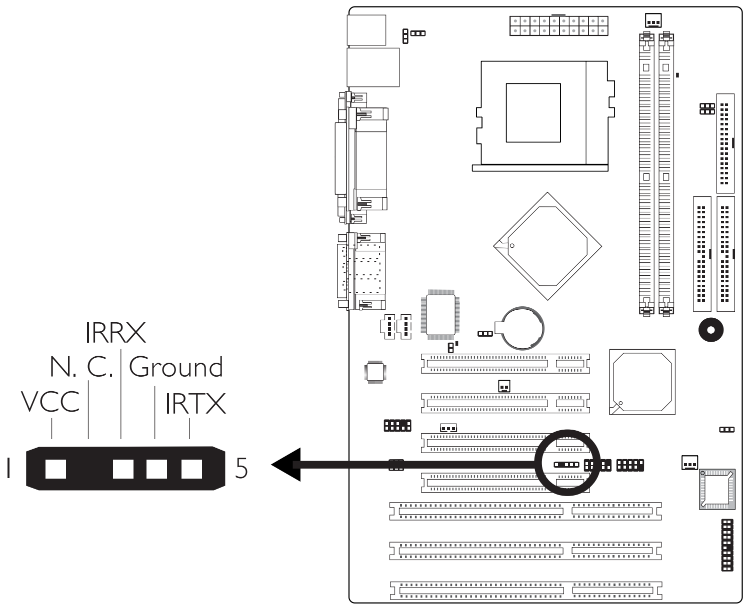
Floppy Disk Drive Connector



IDE Disk Drive Connectors



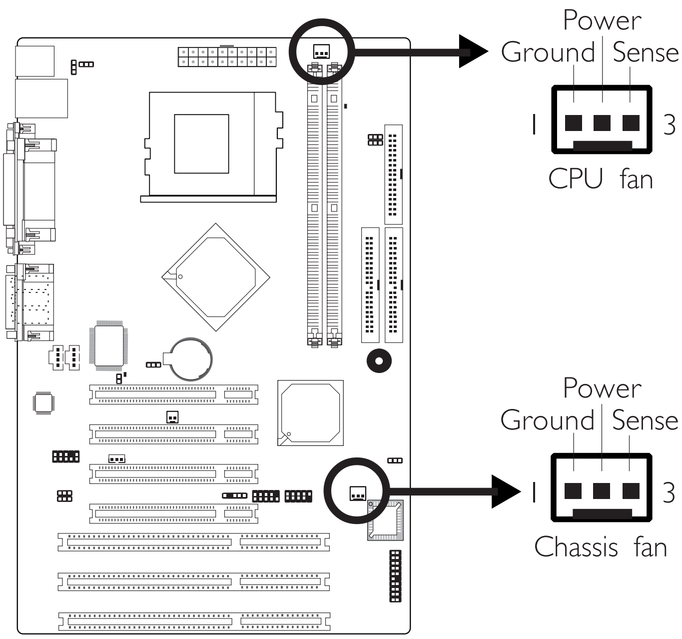
IrDA Connector



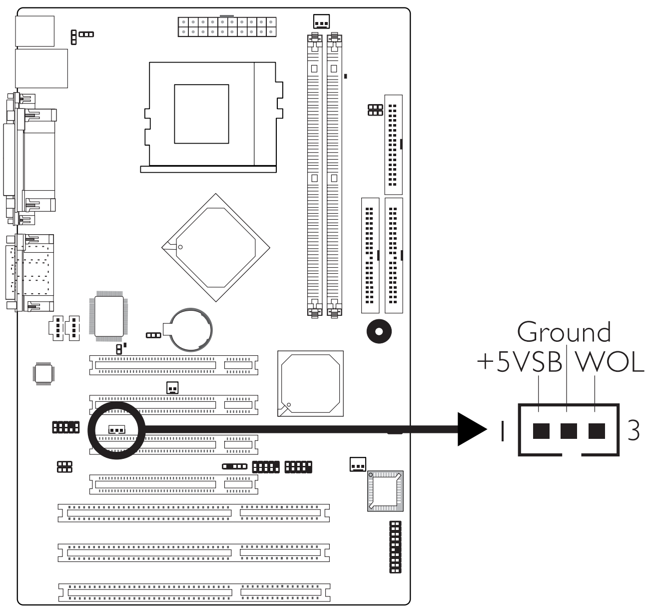
Note:

The sequence of the pin functions on some IR cable may be reversed from the pin function defined on the system board. Make sure to connect the cable connector to the IR connector according to their pin functions.

Cooling Fan Connectors

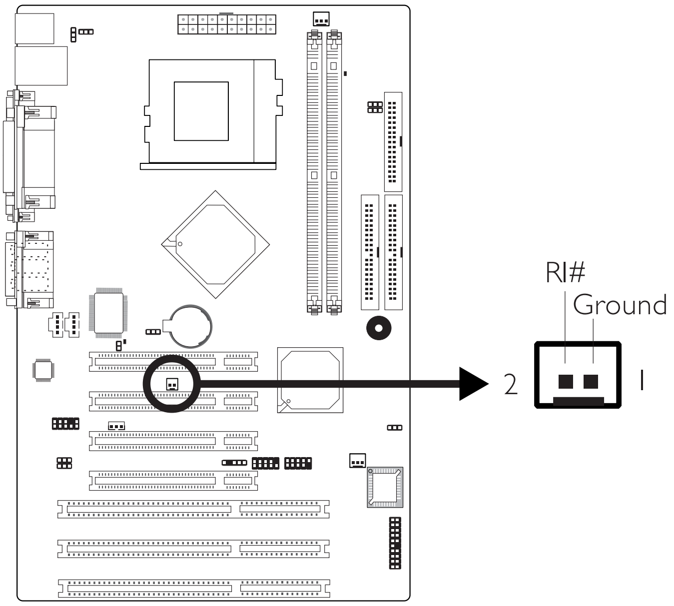


Wake-On-LAN Connector



Important:
The 5VSB power source of your power supply must support ≥720mA.

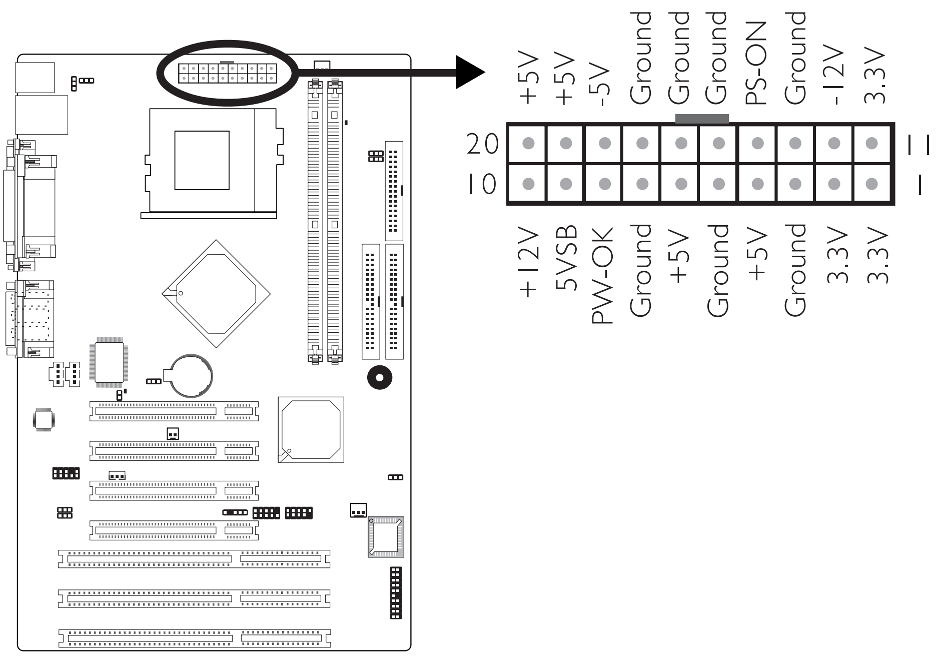
Wake-On-Ring Connector



Important:

The 5VSB power source of your power supply must support ≥720mA.

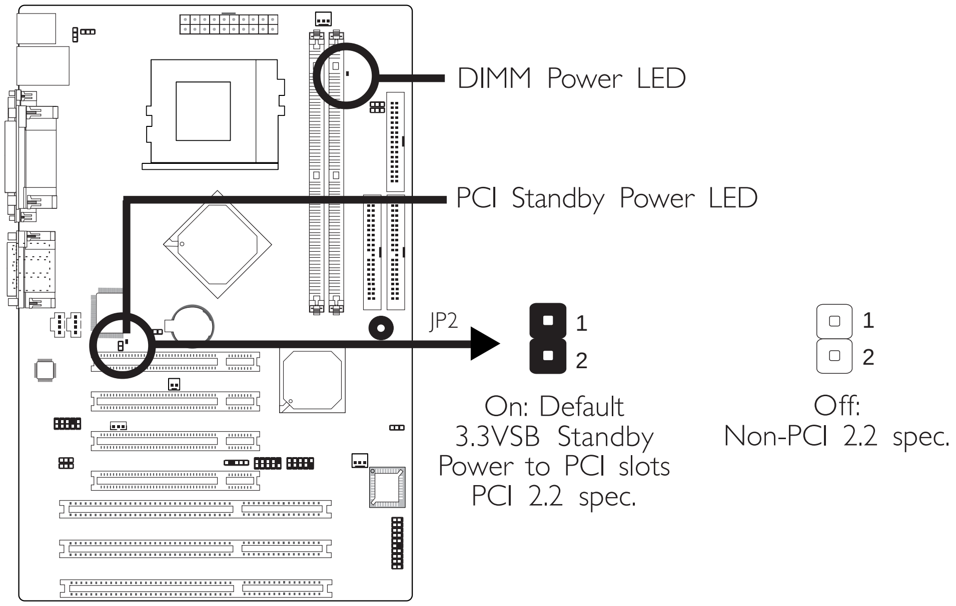
Power Connector



Important:

To ensure that adequate power is provided, ***we strongly recommend that you use a minimum of 300 Watt (or greater) power supply.***

DIMM Power LED and PCI Standby Power LED

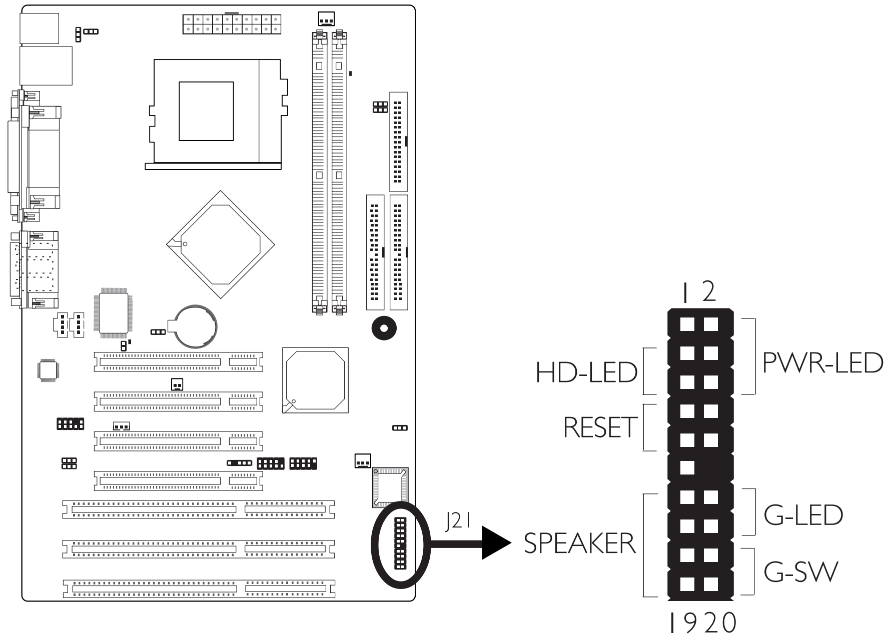




Warning:

When the DIMM Power LED and/or PCI Standby Power LED lit red, it indicates that power is present on the DIMM sockets and/or PCI slots. Power-off the PC then unplug the power cord prior to installing any memory modules or add-in cards. Failure to do so will cause severe damage to the system board and components.

Front Panel Connector



	Pin	Pin Assignment
HD-LED (Primary/Secondary IDE LED)	3 5	HDD LED Power HDD
G-LED (Green LED)	14 16	Green LED Power Ground
Reserved	8 10	N. C. N. C.
G-SW (Green switch)	18 20	Ground SMI
RESET (Reset switch)	7 9	Ground H/W Reset
SPEAKER (Speaker connector)	13 15 17 19	Speaker Data N. C. Ground Speaker Power
PWR-LED (Power/Standby LED)	2 4 6	LED Power (+) LED Power (+) LED Power (-) or Standby Signal

Chapter 2 - English

Processor	Pentium® III - FCPGA2 133MHz FSB (1.13GHz-1.26GHz on 0.13μ) - FCPGA 133MHz FSB (533EB-1GHz) - FCPGA 100MHz FSB (500E-1.1GHz) Celeron™ - FCPGA2 100MHz FSB (≥1.2GHz on 0.13μ) - FCPGA 100MHz FSB (800MHz-1.1GHz)
Chipset	VIA® chipset - North bridge: VIA® Apollo PLE133T 8601T - South bridge: VIA® 82C686B
System Memory	Supports up to 1GB using VCM (Virtual Channel Memory) or PC SDRAM DIMM (unbuffered or registered) Two 168-pin DIMM sockets Uses x64 PC SDRAM, 3.3V - PC-100 SDRAM DIMM for 100MHz FSB processors - PC-133 SDRAM DIMM for 133MHz FSB processors
Expansion Slots	4 PCI slots 3 ISA slots
BIOS	Award BIOS 2Mbit flash memory
Power Management	ACPI and OS Directed Power Management ACPI STR (Suspend to RAM) function Wake-On-PS/2 Keyboard/Mouse Wake-On-USB Keyboard/Mouse Wake-On-LAN Wake-On-Ring RTC timer to power-on the system AC power failure recovery
Hardware Monitor	Monitors CPU/system temperature and overheat alarm Monitors VCORE/3.3V/5V/12V voltages and failure alarm Monitors CPU/chassis fan speed and failure alarm CPU Overheat Protection function monitors CPU temperature during system boot-up
Graphics	Integrated Trident 2D/3D video accelerator
Audio	Realtek ALC202A AC'97 audio CODEC 2-channel audio output

LAN	Realtek RTL8100C PCI LAN Fully compliant to IEEE 802.3 (10BASE-T) and 802.3u (100BASE-TX) standards
IDE	Supports two IDE connectors that allows connecting up to four UltraDMA 100Mbps hard drives
Rear Panel I/O	1 mini-DIN-6 PS/2 mouse port 1 mini-DIN-6 PS/2 keyboard port 1 RJ45 LAN port 2 USB 1.1 ports 1 parallel port 1 COM port 1 VGA port 1 game port Line-out, line-in and mic-in jacks
Internal I/O	1 connector for 2 additional external USB 1.1 ports 1 connector for 1 external COM port 1 front audio connector for external line-out and mic-in jacks 1 CD-in internal audio connector 1 AUX-in internal audio connector 1 IrDA connector 2 IDE connectors 1 floppy connector 1 Wake-On-LAN connector 1 Wake-On-Ring connector 1 20-pin ATX main power connector 1 front panel connector 2 fan connectors
PCB	ATX form factor 20.1cm (7.92") x 30.5cm (12")

Package Checklist

The system board package contains the following items:

- ☑ The system board
- ☑ A user's manual
- ☑ One IDE cable
- ☑ One floppy cable
- ☑ One "Main Board Utility" CD

If any of these items are missing or damaged, please contact your dealer or sales representative for assistance.

Processeur	Pentium® III - FCPGA2 133MHz FSB (1.13GHz-1.26GHz sur 0.13µ) - FCPGA 133MHz FSB (533EB-1GHz) - FCPGA 100MHz FSB (500E-1.1GHz) Celeron™ - FCPGA2 100MHz FSB (≥1.2GHz sur 0.13µ) - FCPGA 100MHz FSB (800MHz-1.1GHz)
Chipset	VIA® chipset - Pont nord: VIA® Apollo PLE133T 8601T - Pont sud: VIA® 82C686B
Mémoire Système	Supporte jusqu'à 1Go de mémoire utilisant VCM (Virtual Channel Memory) ou PC SDRAM DIMM (tampon ou enregistrées) 2 sockets DIMM 168 broches Utilisation de x64 PC SDRAM, 3.3V - PC-100 SDRAM DIMM pour la mémoire bus de 100MHz - PC-133 SDRAM DIMM pour la mémoire bus de 133MHz
Logements d'Extension	4 PCI slots 3 ISA slots
BIOS	Award BIOS Mémoire Flash 2Mbit
Gestion de Puissance	ACPI et OS Directed Power Management ACPI STR (Suspend to RAM) fonction Réveil-Sur-PS/2 Clavier/Souris Réveil-Sur-USB Clavier/Souris Eveil Sonnerie Réveil Par Le Réseau Minuterie RTC pour allumer le système Récupération après Défaillance d'Alimentation CA
Fonctions de Moniteur de Matériel	Gère l'alarme de température et de surchauffe de CPU/système Gère l'alarme de voltage et d'échec de VCORE/3.3V/5V/12V Gère la vitesse de ventilateur du ventilateur Protection du CPU - supporte la mise hors circuit automatique en cas de surchauffage du système
Graphiques	Accélérateur vidéo integrée Trident 2D/3D
Audio	Realtek ALC202A audio CODEC 2-canaux audio

LAN	Realtek RTL8100C PCI LAN Entièrement conforme IEEE 802.3 (10BASE-T) et 802.3u (100BASE-TX) standard
IDE	Supporte des disques durs jusqu'à UltraDMA 100Mbps
Panneau Arrière I/O	1 port souris PS/2 1 port clavier PS/2 1 port RJ45 LAN 2 ports USB 1.1 1 port parallèle DB-25 1 port de DB-9 série 1 port de DB-15 VGA 1 port jeu Line-out, line-in et mic-in prises audio
Interne I/O	1 connecteur pour 2 ports USB 1.1 supplémentaires 1 connecteur pour 1 série 1 connecteur audio de l'avant pour la sortie ligne/l'entrée micro 1 connecteur CD-in audio internes 1 connecteur AUX-in audio internes 1 connecteur IrDA 2 connecteurs IDE 1 connecteur de FDD 1 connecteur de Wake-On-LAN 1 connecteur de Wake-On-Ring 1 connecteur d'alimentation ATX 20-pin 1 connecteur devant panneau 2 connecteurs de ventilateurs
PCB	Facteur de forme de ATX 20.1cm (7.92") x 30.5cm (12")

Liste de Vérification de l'Emballage

L'emballage de la carte système contient les éléments suivants:

☑ 1 carte système
☑ 1 manuel utilisateur
☑ 1 câble IDE
☑ 1 câble FDD
☑ 1 CD "Mainboard Utility"

Si l'un de ces éléments n'était pas dans l'emballage ou s'il était endommagé, veuillez contacter votre revendeur ou votre représentant.

Chapter 4 - Deutsch

Prozessor	Pentium® III - FCPGA2 133MHz FSB (1.13GHz-1.26GHz auf 0.13µ) - FCPGA 133MHz FSB (533EB-1GHz) - FCPGA 100MHz FSB (500E-1.1GHz) Celeron™ - FCPGA2 100MHz FSB (≥1.2GHz auf 0.13µ) - FCPGA 100MHz FSB (800MHz-1.1GHz)
Chipset	VIA® chipset - Nordbrücke: VIA® Apollo PLE133T 8601T - Südbrücke: VIA® 82C686B
Systemspeicher	Unterstützt einen Speicher von bis zu 1GB mit ohne VCM (Virtual Channel Memory) oder PC SDRAM DIMM (Pufferspeicher oder registriert) 2 DIMM-Fassungen mit 168poligem Anschlußstecker. Anwendung des x64 PC SDRAM, 3,3 V - PC-100-SDRAM-DIMM für 100-MHz-Speicher-Bus - PC-133-SDRAM-DIMM für 133-MHz-Speicher-Bus
Expansion Schlitz	4 PCI-Einbauplätzen 3 ISA-Einbauplätzen
BIOS	Award BIOS Flash-Speicher 2Mbit
Energie Management	ACPI und OS Directed Power Management ACPI STR (Suspend to RAM) funktion Wecken bei Betätigung der PS/2 Tastatur/Maus Wecken bei USB-Tastatur/Maus Wecken bei Klingeln Wecken des Systems durch das Netzwerk RTC-Taktgeber zum Einschalten des Systems Wiederherstellung der Wechselstromversorgung nach einem Ausfall
Kleinteilmonitor	Überwachung der Temperatur des CPU/Systems sowie Warnsignal bei Überhitzung Überwachung der Spannungen des VCORE/3.3V/5V/12V Überwachung der Geschwindigkeit des Ventilators Prozessor-Shutz - Die Ausschaltung bei der Überhitzung – die automatische Ausschaltung des Computers bei der Überhitzung
Grafik	Integrierte Trident 2D/3D Video-Beschleuniger
Audio	Realtek ALC202A AC'97-audio-CODEC 2-Kanal-audio

LAN	Realtek RTL8100C PCI LAN Völlig gefällig zu IEEE 802.3 (10BASE-T) und 802.3u (100BASE-TX) standards
IDE	Unterstützung der Festplatten bis zum UltraDMA 100Mbps
Porte an der Rückwand	1 Mini-DIN-6-Anschluß für eine PS/2-Maus 1 Mini-DIN-6-Anschluß für eine PS/2-Tastatur 1 RJ45 LAN-Anschlüsse 2 USB 2.0/1.1-Anschlüsse 1 DB-25-Parallelanschluß 1 serieller DB-9-Anschlüsse 1 VGA DB-15-Anschlüsse 1 Spiel-Anschlüsse Line-out, line-in und mic-in Audio-Anschlußbuchsen
Internes I/O	1 Anschlußfassung für 2 zusätzliche externe USB 2.0-Anschlüsse 1 Anschluß für eine externe serieller Schnittstelle 1 Frontaudioanschluß für die externe Ausgangsleitung und den Mikrofoneingang 1 interne Audioanschlüsse (CD-in) 1 interne Audioanschlüsse (AUX-in) 1 IrDA-Anschluß 2 IDE-Anschlüsse 1 Floppy-Anschlüsse 1 Wake-On-LAN-Anschlüsse 1 Wake-On-Ring-Anschlüsse 1 Anschlußstecker für das ATX-Netzgerät 20-pin 1 Frontabdeckung Stecker 2-ventilator-Anschlüsse
PCB	ATX Formfaktor 20.1cm (7.92") x 30.5cm (12")

Verpackungsliste

In der Verpackung der Systemplatine sind folgende Artikel enthalten:

☑ 1 Systemplatine
☑ 1 Benutzerhandbuch
☑ 1 IDE-Kabel
☑ 1 FDD-Kabel
☑ 1 CD mit "Mainboard Utility"

Fehlt einer dieser Artikel oder weist einer dieser Artikel Beschädigungen auf, wenden Sie sich an Ihren Händler oder Vertreter.

Chapter 5 - Español

Procesador	Pentium® III - FCPGA2 133MHz FSB (1.13GHz-1.26GHz en 0.13μ) - FCPGA 133MHz FSB (533EB-1GHz) - FCPGA 100MHz FSB (500E-1.1GHz) Celeron™ - FCPGA2 100MHz FSB (≥1.2GHz en 0.13μ) - FCPGA 100MHz FSB (800MHz-1.1GHz)
Chipset	VIA® chipset - Puente norte: VIA® Apollo PLE133T 8601T - Puente sur: VIA® 82C686B
Memoria de Sistema	Soporta de hasta 1GB utilizando VCM (Memoria de Canal Virtual) o PC SDRAM DIMM (no búfer o registrado) Dos sockets de DIMM de 168-pin Utiliza x64 PC SDRAM, 3.3V - PC-100 SDRAM DIMM para procesadores de FSB de 100MHz - PC-133 SDRAM DIMM para procesadores de FSB de 133MHz
Ranuras de Expansión	4 slots PCI 3 slots ISA
BIOS	Award BIOS Memoria instante 2Mbit
Gerencia de la Energía	ACPI y OS Directed Power Management ACPI STR (Suspend to RAM) función PS/2 Teclado/Ratón de Wake-On USB Teclado/Ratón de Wake-On Wake-On-Ring Wake-On-LAN Temporizador de RTC para encender el sistema Recuperación de Fracaso de Energía AC
Monitor del Hardware	Monitores de los CPU/sistema temperaturas y alarma acalorada. Monitores de voltajes de VCORE/3.3V/5V/12V Vigila la velocidad del abanico del abanido Protección del procesador - Desconección en caso de recalentamiento –el ordenador se desconecta automáticamente en caso de recalentamiento
Gráficos	Trident 2D/3D Acelerador de video integrado
Audio	Realtek ALC202A AC'97 audio CODEC 2-canal audio

LAN	Realtek RTL8100C PCI LAN Completamente a IEEE 802.3 (10BASE-T) y 802.3u (100BASE-TX) estándar
IDE	Soporta las unidades duras hasta de UltraDMA 100Mbps
Panel Trasero I/O	1 puerto de ratón mini-DIN-6 PS/2 1 puerto de teclado mini-DIN-6 PS/2 1 puerto de RJ45 LAN 2 puertos de USB 2.0/1.1 1 puerto paralelo de DB-25 1 puerto de serie DB-9 1 puerto de VGA DB-15 1 puerto de juego Line-out, line-in and mic-in enchufes de audio
Conectador Interno	1 conector para 2 puertos de USB 2.0/1.1 externo adicional 1 conector para un puerto de serie 1 conectador audio delantero para la salida extrema de linea y el micro 1 conector de CD-in audio interno 1 conector de AUX-in audio interno 1 conector de IrDA 2 conector de IDE 1 conector de FDD 1 conector de Wake-On-LAN 1 conector de Wake-On-Ring 1 conectore de 20-pin fuente de alimentación de ATX 1 conector de conectador del panel delantero 2 conectores de abanicos
PCB	ATX forme el factor 20.1cm (7.92") x 30.5cm (12")

Lista de Chequeo del Paquete

El paquete del tablero de sistema contiene los siguientes artículos:

- ☑ 1 tablero de sistema
- ☑ 1 manual de usuario
- ☑ 1 cable de IDE
- ☑ 1 cable de FDD
- ☑ 1 CD de "Mainboard Utility"

Si cualquieres de estos artículos están perdidos o dañados, favor de ponerse en contacto con su tratante o representantes de venta para la asistencia.

Глава 6 - Русский язык

Процессор	Pentium® III - FCPGA2 133MHz FSB (1.13GHz-1.26GHz на 0.13µ) - FCPGA 133MHz FSB (533EB-1GHz) - FCPGA 100MHz FSB (500E-1.1GHz) Celeron™ - FCPGA2 100MHz FSB (≥1.2GHz на 0.13µ) - FCPGA 100MHz FSB (800MHz-1.1GHz)
Чипсет	VIA® Чипсет - Северный мост: VIA® Apollo PLE133T 8601T - Южный мост: VIA® 82C686B
Оперативная Память	Поддерживает до 1ГБ использование VCM (Virtual Channel Memory) или PC SDRAM DIMM (небуфф или зарегистрировано) 2 168-pin гнездо DIMM пользы x64 PC SDRAM, 3.3V - PC-100 SDRAM DIMM для 100MHz FSB Процессор - PC-133 SDRAM DIMM для 133MHz FSB Процессор
Слоты	4 PCI слотов 3 ISA слотов
BIOS	Award BIOS 2Mbit внезапная память
управление силы	ACPI и OS Directed Power Management ACPI STR (Suspend to RAM) Активизация На Движение Мыши Активизация На Нажатие Кнопки USB Клавиатуры Активизация На Входящий Звонок Активизация На Сетевое Событие RTC Таймер для Включения Системы Скачки Напряжения
монитор оборудования	Мониторинг температуры процессора/системы Мониторинг напряжений VCORE/3.3V/5V/12V Мониторинг скорости вращения вентилятора Защита процессора - Выключение при перегреве – автоматическое выключение компьютера при перегреве
Графика	интегрировано Trident 2D/3D видео- акселераторь
тональнозвуково	Realtek ALC202A AC'97-канал CODEC 2-канал

LAN	Realtek RTL8100C PCI LAN Поддерживает IEEE 802.3 (10BASE-T) и 802.3u (100BASE-TX)
IDE	Поддерживает жесткие диски до UltraDMA 100Mbps
задняя панель I/O	1 мини-DIN-6 PS/2 порт для мыши 1 мини-DIN-6 PS/2 порт для клавиатуры 1 RJ45 LAN порт 2 USB 2.0/1.1 порта 1 DB-25 параллельный порт 1 внешнего DB-9 порта 1 VGA DB-15 порта 1 игра порт Line-out, line-in и mic-in гнезда для звука
внутренне I/O	1 разъем для 2-х дополнительных внешних USB 2.0 портов 1 разъем для внешнего внешнего порта 1 передний аудио разъем для внешнего линейного выхода и микрофона 1 внутренних звуковых разъема (CD-in) 1 внутренних звуковых разъема (AUX-in) 1 разъем для интерфейса IrDA 2 IDE разъема 1 FDD разъем 1 Wake-On-LAN разъем 1 Wake-On-Ring разъем 1 разъема питания ATX 20-pin 1 Фронт панель разъем 2 Разъемы для вентилятора
PCB	фактор формы ATX 20.1cm (7.92") x 30.5cm (12")

Комплектация

Комплектация поставки материнской платы:

- ☑ 1 Системная плата
- ☑ 1 Руководство пользователя
- ☑ 1 кабель IDE
- ☑ 1 кабель FDD
- ☑ Один CD с “Mainboard Utility”

Если в комплекте из этого чего-то не хватает или что-то испорчено, пожалуйста, свяжитесь со своим дилером или продавцом.

第7章 – 日本語

プロセッサ	Pentium® III -FCPGA2 133MHz FSB (1.13GHz-1.26GHz on 0.13μ) -FCPGA 133MHz FSB (533EB-1GHz) -FCPGA 100MHz FSB (500E-1.1GHz) Celeron™ -FCPGA2 100MHz FSB (≥1.2GHz on 0.13μ) -FCPGA 100MHz FSB (800MHz-1.1GHz)
チップセット	VIA® チップセット -ノースブリッジ: VIA® Apollo PLE133T 8601T -サウスブリッジ: VIA® 82C686B
システムメモリ	最大1GB、VCM (ビジュアルチャネルメモリ) またはPC SDRAM DIMM (アンバッファドまたはレジスタード) 2×168-pin DIMMソケット x64 PC SDRAM、3.3V使用 -100MHz FSBプロセッサ用PC-100 SDRAM DIMM -133MHz FSBプロセッサ用PC-133 SDRAM DIMM
拡張スロット	4×PCIスロット 3×ISAスロット
BIOS	Award BIOS 2Mbitフラッシュメモリ
電源管理	ACPIおよびODPM (OS Directed Power Management) ACPI STR (Suspend to RAM) 機能 Wake-On-PS/2キーボード/マウス Wake-On-USBキーボード/マウス Wake-On-LAN Wake-On-Ring システムパワーオンまでのRTCタイマー AC電源エラー回復機能
ハードウェア監視	CPU/システム温度/過熱アラームの監視 VCORE/3.3V/5V/12V電圧およびエラーアラームの監視 CPU/シャーシファン/エラーアラームの監視 システム起動時にCPU温度を監視するCPU過熱保護機能
グラフィック・	統合インデントTrident 2D/3Dビデオアクセラレータ
オーディオ	Realtek ALC202A AC'97オーディオCODEC 2 チャネルオーディオ出力

日本語

LAN	Realtek RTL8100C PCI LAN IEEE 802.3 (10BASE-T) および802.3u (100BASE-TX) 規格フル互換
IDE	最大4台のUltraDMA 100Mbpsハードドライブが接続可能な2×IDEコネクタをサポー
リアパネルI/O	1 mini-DIN-6 PS/2マウスポート 1 mini-DIN-6 PS/2キーボードポート 1 RJ45 LANポート 2 USB 1.1ポート 1 パラレルポート 1 COMポート 1 VGAポート 1 ゲームポート ライン出力、ライン入力、マイク入力ジャック
内蔵I/O	2外部USB 1.1ポート用コネクタ×1 1外部COMポート用コネクタ×1 外部ライン出力およびマイク入力ジャック用フロントオーディオコネクタ×1 1CD入力内部オーディオコネクタ 1AUX入力内部オーディオコネクタ 1DAコネクタ 2 IDEコネクタ 1 フロッピーコネクタ 1 Wake-On-LANコネクタ 1 Wake-On-Ringコネクタ 1 20-pin ATX電源コネクタ 1 フロントパネルコネクタ 2 ファンコネクタ
プリント基板	ATXフォームファクタ 20.1cm×30.5cm

パッケージのチェックリスト

システムボードのパッケージには以下のアイテムが含まれています：

- システムボード
- ユーザーズマニュアル
- 1×IDEケーブル
- 1×フロッピーケーブル
- 1×メインボードユーティリティ搭載CD

不足しているアイテムや損傷しているアイテムがあれば、ディーラーまたは販売代理店に連絡してください。